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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/767,801	01/22/2001	Frank Meyer-Guldner	16274.71b.2.2	3749
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WORKMAN NYDEGGER 60 EAST SOUTH TEMPLE 1000 EAGLE GATE TOWER SALT LAKE CITY, UT 84111			EXAMINER	
			WOOD, KEVIN S	
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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 09/767,801	Applicant(s) MEYER-GULDNER ET AL.
	Examiner Kevin S. Wood	Art Unit 2874

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If no period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).

Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(o).

Status

1) Responsive to communication(s) filed on _____.
 2a) This action is **FINAL**. 2b) This action is non-final.
 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) Claim(s) 1-6 is/are pending in the application.
 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
 5) Claim(s) ____ is/are allowed.
 6) Claim(s) 1-6 is/are rejected.
 7) Claim(s) ____ is/are objected to.
 8) Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

9) The specification is objected to by the Examiner.
 10) The drawing(s) filed on 22 January 2001 is/are: a) accepted or b) objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. 09/198692.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) Notice of References Cited (PTO-892)
 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
 3) Information Disclosure Statement(s) (PTO/SB/08)
 Paper No(s)/Mail Date _____

4) Interview Summary (PTO-413)
 Paper No(s)/Mail Date. _____
 5) Notice of Informal Patent Application
 6) Other: _____

DETAILED ACTION

Reissue

1. This application is a Reissue Application of US Application No. 09/198692, patented as U.S. Patent No. 6,014,476.

Oath/Priority

I) A new oath is required. The oath or declaration must properly identify at least one 35 U.S.C. 251 error being relied upon as a basis for the reissue and that it is indeed an appropriate error for reissue (37 CFR 1.175(a)(1)). For example, "failure to include the following claims in the original patent..." is not an acceptable statement of an error. See reissue guide and MPEP 1414.

Any error in the claims must be identified by reference to the specific claim(s) and the specific claim language wherein lies the error. A statement of "... failure to include a claim directed to ..." and then presenting a newly added claim, would not be considered a sufficient "error" statement since applicant has not pointed out what the other claims lacked that the newly added claim has, or vice versa. Such a statement would be no better than saying in the reissue oath or declaration that " this application is being filed to correct errors in the patent which may be noted from the change made by adding new claim 10." In both cases, the error has not been identified.

A reissue was granted in *Brenner v. State of Israel*, 400 F.2d 789, 158 USPQ 584 (D.C. Cir. 1968), where the only ground urged was failure to file a certified copy of the original foreign application to obtain the right of foreign priority under 35 U.S.C. 119(a)-(d) before the patent was granted.

II) (g) Unless supplied in an application data sheet (ADS) (See 37 CFR 1.76), the oath or declaration must identify the foreign application, if any, on which foreign priority is being claimed by specifying the application number, country, day, month, and year of its filing as required by 37 CFR 1.63(c). If the original patent contains a claim for foreign priority, such claim must be repeated in the reissue application in order to retain priority to the earlier effective filing date. MPEP 1417.

III) b) The oath or declaration must identify each inventor by full name, and country of citizenship as required by 35 U.S.C. 115 and 37 CFR 1.63(a)(3). Each inventor's residence and mailing address must also be provided, if they have not been supplied in the application data sheet (ADS)(37 CFR 1.76). When filed by the assignee, the required information must be present, even if it is asserted that it is based on the last available information known to assignee ("upon information and belief").

Claim Rejections - 35 USC § 112

2. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

3. Claim 6 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. It is unclear what is meant by the substrate forms a part of a rigid-flexible-rigid circuit carrier. Claim 6 is rejected under 35 U.S.C. 112, second paragraph, as being incomplete for omitting essential elements, such omission amounting to a gap between the elements. See MPEP § 2172.01. The omitted elements are: a flexible portion and a second rigid portion which combines with the substrate to form a rigid-flexible-rigid circuit carrier. The applicant appears to be claiming a rigid-flexible-rigid circuit carrier without properly defining what a rigid-flexible-

rigid circuit carrier is and without claiming the elements essential for forming the rigid-flexible-rigid circuit carrier.

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

5. Claims 1-5 are rejected under 35 U.S.C. 102(e) as being anticipated by U.S. Patent No. 5,617,495 to Funabashi et al.

Referring to claim 1, the Funabashi et al. reference discloses all the limitations of the claimed invention. The Funabashi et al. reference discloses an electro-optical module (Fig. 2), including: a substrate formed with a mounting surface; a receptacle (45) for an optical fiber plug (47,48) defining a beam path substantially perpendicular to the mounting surface; and an integrated component unit mounted on the mounting surface, the component unit comprising an electro-optical component (41) and a lens (44) directly aligned with one another in the beam path between the electro-optical component.

Referring to claim 2, the Funabashi et al. reference discloses all the limitations of the claimed invention. The Funabashi et al. reference discloses the electro-optical

module, including the mounting surface is substantially free from aligning structures.

See Fig. 2 of the reference.

Referring to claim 3, the Funabashi et al. reference discloses all the limitations of the claimed invention. The Funabashi et al. reference discloses the electro-optical module, including the receptacle part containing the receptacle (45) is disposed so as not to touch the component unit, the receptacle making contact with and being connected substantially only to the mounting surface of the substrate. See Fig. 2 of the reference.

Referring to claim 4, the Funabashi et al. reference discloses all the limitations of the claimed invention. The Funabashi et al. reference discloses the electro-optical module, including the substrate having a second surface on a side thereof averted from the receptacle, and including an electronic circuit carried on the second surface. Figure 2 of the reference clearly shows electrical contacts located on and extending from the second side of the substrate.

Referring to claim 5, the Funabashi et al. reference discloses all the limitations of the claimed invention. The Funabashi et al. reference discloses the electro-optical module, including a cap attached directly to the mounting surface of the substrate for electrically shielding the component unit. Figure 2 of the reference discloses a cap holding the lens (44) and containing the laser diode (41). It is inherent that the cap would provide at least a minimal electrical shielding effect.

Conclusion

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kevin S. Wood whose telephone number is (571) 272-2364. The examiner can normally be reached on Monday-Thursday (7am - 5:30 pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rodney B. Bovernick can be reached on (571) 272-2344. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

KSW

/Kevin S Wood/
Primary Examiner, Art Unit 2874